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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



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IN RE PATENT APPLICATION OF:

**HUANG**

TITLE: **HOME ADAPTIVE TRANSCEIVER FOR HOME NETWORKING  
COMMUNICATION SYSTEM**

#4

January 24, 2002

**SUBMISSION OF FORMAL DRAWINGS**

Director of the US Patent & Trademark Office  
Washington, DC 20231

Sir:

Please accept the herewith 5 sheets of formal drawings on A4 size paper of Figures 1 through 5, which are in lieu of the informal drawings filed earlier.

Respectfully submitted,

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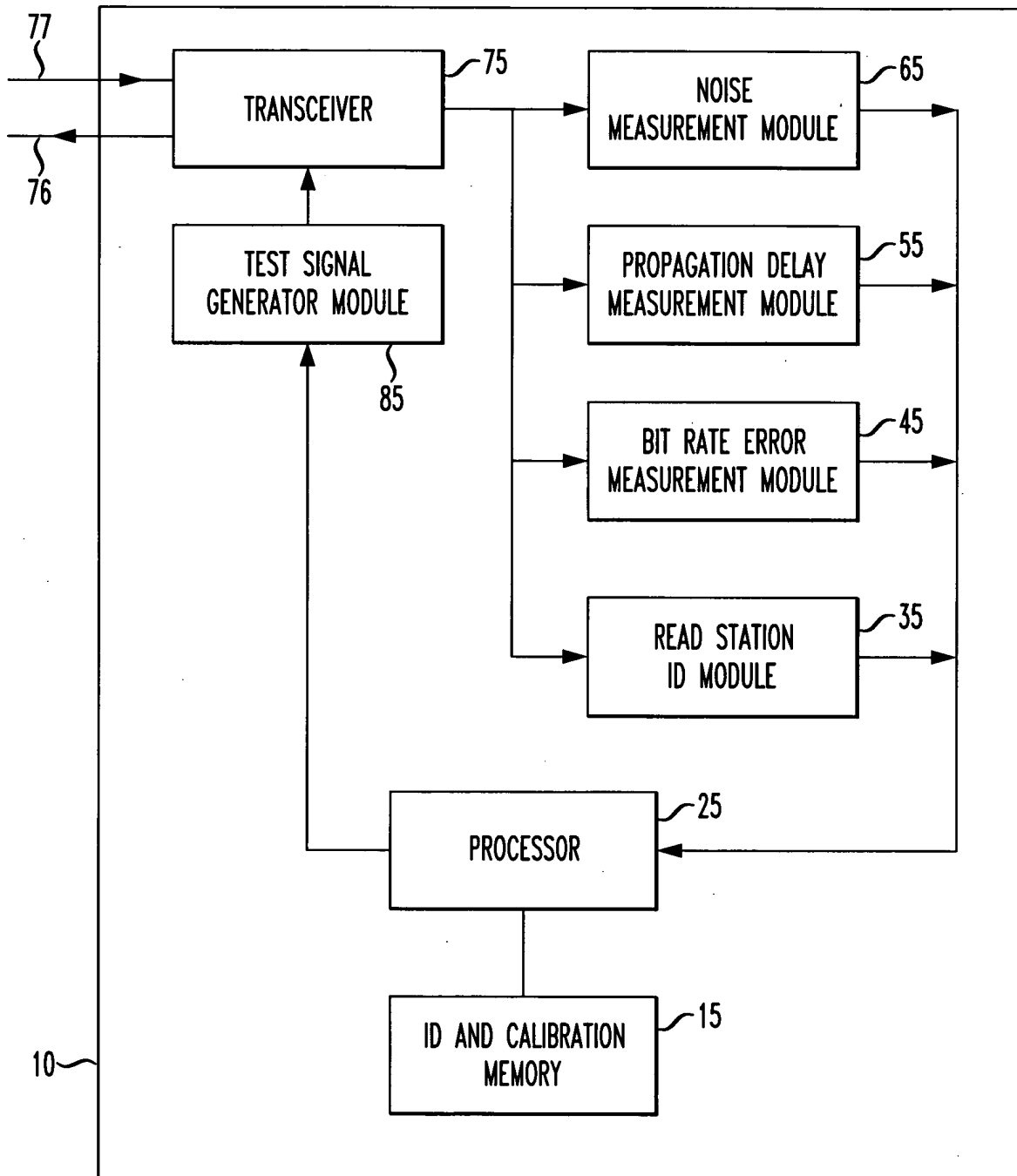
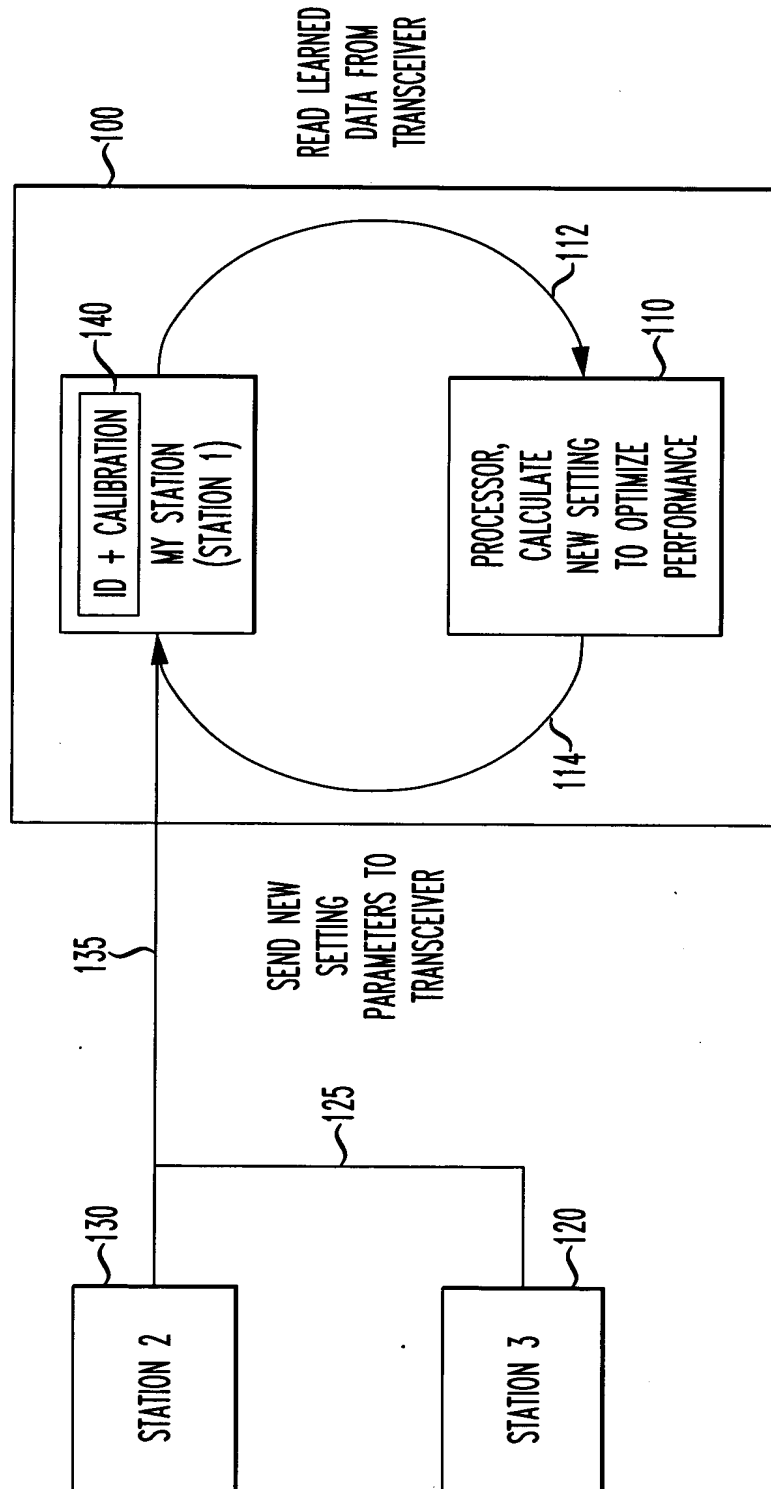


FIG. 1



**FIG. 2**

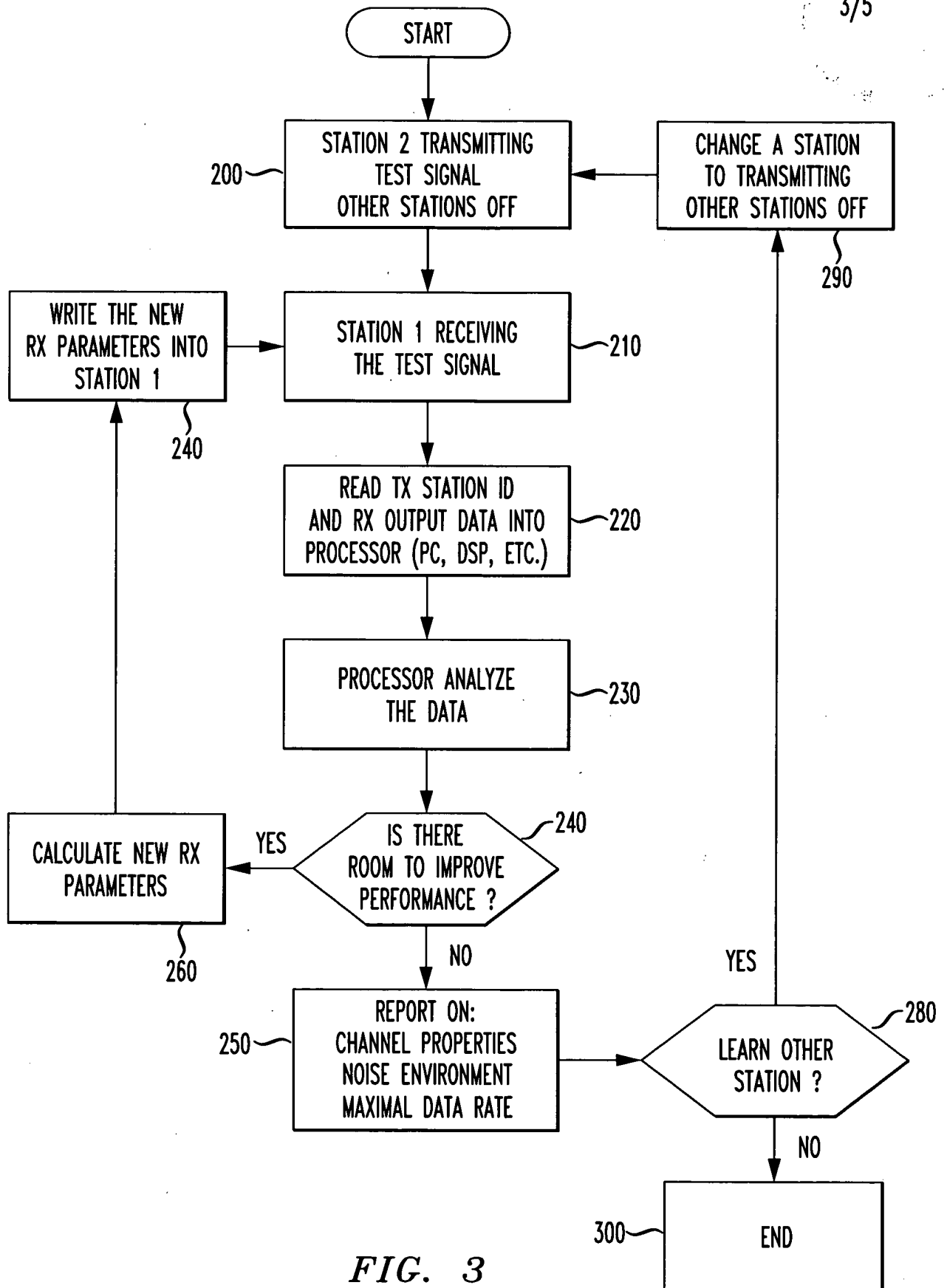
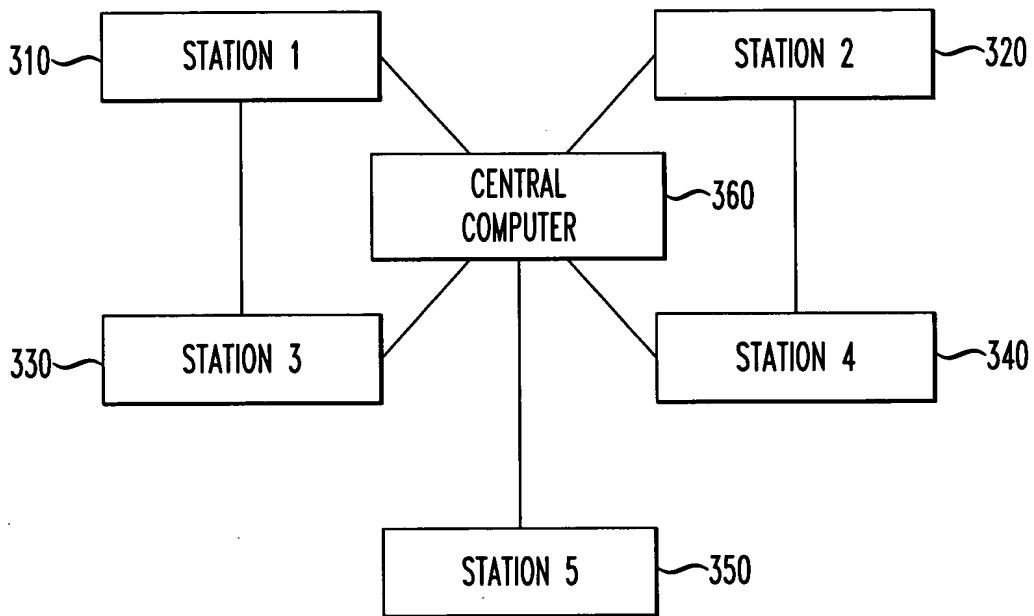
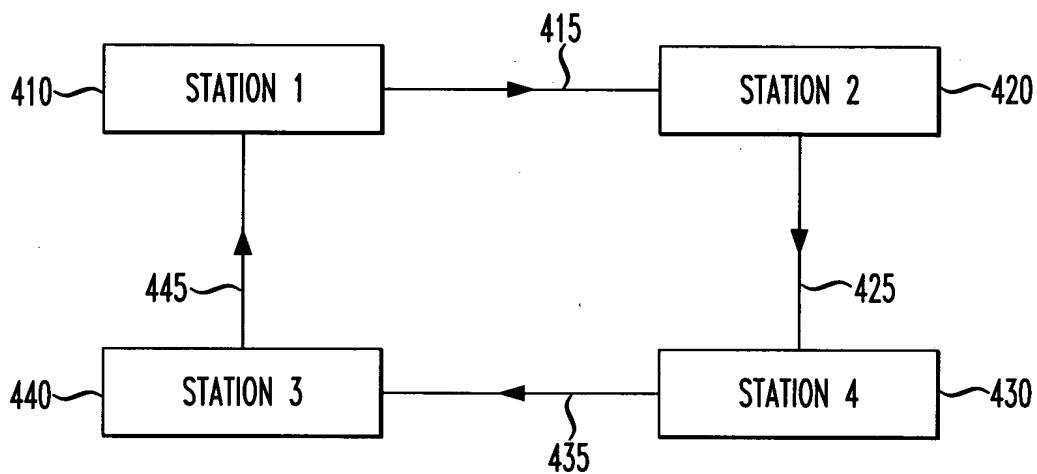


FIG. 3

4/5



**FIG. 4**  
(PRIOR ART)



**FIG. 5**  
(PRIOR ART)